

**AMENDMENT TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Please amend the claims as follows:

Claims 1-6. (Cancelled)

Claim 7. (Currently amended) A cosmetic preparation comprising a dermatologically acceptable carrier and the surface-modified pyrogenically produced, nanoscale zinc oxide powder of Claim 1, comprising aggregates and having the following physico-chemical characteristic data:

BET surface areas:  $18 \pm 5 \text{ m}^2/\text{g}$

C content: 0.5 to 1.0 wt.%,

average diameter: 50 to 300 nm,

shape factor F (circle) of below 0.5,

wherein the surface modification includes silanization with a surface modifying agent selected from the group consisting of:

Organosilanes of the type  $(\text{RO})_3\text{Si}(\text{C}_n\text{H}_{2n+1})$  and  $(\text{RO})_3\text{Si}(\text{C}_n\text{H}_{2n-1})$

R = alkyl, including methyl-, ethyl-, n-propyl-, i-propyl-, butyl-

n = 1 – 20, and

wherein the dermatologically acceptable carrier is a member selected from the group consisting of octocrylene, ethylhexyl methoxycinnamate, phenylbenzimidazole sulfonic acid, and bis-ethylhexyloxy methoxyphenyl triazine.

Claims 8 - 10. (Cancelled)

Claim 11. (Currently amended) A sunscreen preparation according to claim 9, wherein comprising a dermatologically acceptable carrier and the surface modified pyrogenically produced, nano-scale zinc oxide powder, comprising aggregates and having the following physico-chemical characteristic data:

BET surface areas:  $18 \pm 5 \text{ m}^2/\text{g}$

C content: 0.5 to 1.0 wt.%,

average diameter: 50 to 300 nm,

shape factor F (circle) of below 0.5,

wherein the surface modification includes silanization with a surface modifying agent selected from the group consisting of:

organosilanes of the type  $(\text{RO})_3\text{Si}(\text{C}_n\text{H}_{2n+1})$  and  $(\text{RO})_3\text{Si}(\text{C}_n\text{H}_{2n-1})$

R = alkyl, including, methyl-, ethyl-, n-propyl-, i-propyl-, butyl-  
n = 1 – 20, and

wherein the dermatologically acceptable carrier is a member selected from the group consisting of octocrylene, ethylhexyl methoxycinnamate, phenylbenzimidazole sulfonic acid, and bis-ethylhexyloxy methoxyphenyl triazine.

Claims 12 - 14. (Cancelled)

Claim 15. (New) The cosmetic preparation according to claim 7, further comprising w/o emulsion wherein the zinc oxide is incorporated into the oily phase.

Claim 16. (New) The sunscreen preparation of claim 11, further comprising w/o emulsion wherein the zinc oxide is incorporated into the oily phase.

Claim 17. (New) The cosmetic preparation according to claim 7, wherein the surface modifying agent is trimethoxyoctylsilane.

Claim 18. (New) The sunscreen preparation of claim 11, wherein the surface modifying agent is trimethoxyoctylsilane.